FIRE PROTECTION

FILM CATALOGUE

1988

Alberta
Labour
Library

Alberta

LABOUR
General Safety Services Division
Fire Prevention Branch

88-02759/

Borrowing Guide

The Alberta Labour Fire Prevention Branch film collection was established to promote fire safety awareness and to increase public understanding of issues and concerns related to fire safety. The lending of these films, which number over 200, is administered by the Alberta Labour Library. More recently a number of video-tapes have been added to the film collection. The term "film" as used in the text below, refers, where applicable, to both film and video.

TOPICS AVAILABLE
- Arson,
- Fire Chemistry
- Fire Prevention
  - burns and burn prevention
  - case studies
  - children's films
  - code enforcement
  - home, hospital and industrial fire prevention
- Fire Research
- Fire Suppression
  - apparatus and equipment
  - extinguishers and sprinklers
  - flammable liquid and gas firefighting
  - strategy and tactics
  - water application

HOW TO ORDER
- By telephone (no collect calls please):
  - Call Carol Dumont at 427-8533 (8:15 A.M. - 4:30 P.M.)
- In writing or in person:
  Department of Labour Library
  Alberta Labour
  3rd Floor, 10808 - 99 Ave.
  Edmonton, Alberta T5K 0G5
- Films may be ordered free of charge, except for return shipping charges which users are required to pay.
- Films may be ordered up to 3 months in advance.
- Groups operating programs associated with the Fire Prevention Branch may book films as far in advance as they wish.
- Because of their popularity some films may not always be available. The library staff will be pleased to suggest suitable alternatives.
- Fire Prevention Branch staff have priority use on films and on rare occasions may "bump" a film reservation.

LOAN TIME
- Films are normally loaned out for two weeks at a time.
- The two weeks include shipping time there and back.
- The film must be back in the library on the due date.
- Under special circumstances a one week loan extension may be arranged at the time of booking.

SHIPPING
- Edmonton and area users are expected to pick up films at the Alberta Labour Library.
- Outside the Edmonton area, films will be shipped by courier service or bus.

- Special shipping arrangements may be made if necessary.
- Films must be returned by the same method used for delivery. When possible use the same company as well. Do not mail films unless absolutely necessary.
- Users are responsible for return shipping charges.
- Be sure to keep your shipping receipt when returning a film. If the film is lost in transit, you will be charged replacement cost of the film unless you can prove the film was shipped back to the library.

LOSS OR DAMAGE

- Borrowers are responsible for the loss of films.
- You will not be charged for minor damage.
    - Attach a note to the film stating type of damage and location on film.
    - Do not attempt to repair the film.
- More severe damage to a film will be dealt with separately and the user may be responsible for the cost of repairing or replacing the film.
- To avoid film damage, ensure that your equipment is in good condition, and have only an experienced person operate the equipment.

RESTRICTIONS

- Films and videos supplied are covered by copyright and cannot be duplicated or televised without specific permission of the copyright owner.
- The borrower is responsible for all charges resulting from a violation of copyright law.
- Films and videos are for non-commercial use only.

SUGGESTIONS

- Used properly, a film becomes a powerful medium of communication. Here are a few suggestions to help make your presentation more effective.
- Preview: Before showing, preview the film. Determine its content, know what to emphasize, and plan comments. In certain situations you may wish to show only a part of the film.
- Introduce: Explain how the film relates to the fire safety concerns of the specific audience. Make the audience aware of what to look for in the content, but don't summarize it.
- Show: Arrange seats and screen for best viewing. Check equipment beforehand to have everything in readiness.
- Conclude: Summarize the main points and emphasize their importance. Re-show if necessary to teach a point that has been missed. Distribute any related printed material. Discussions and pre-planned activities can serve to reinforce the concepts that were presented.

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ARCHIVES

Films in this section are outdated but can provide historical information.

Western Brigade
30 min. B & W 16 mm 1950

Filmed in Vegreville, Alberta, the film portrays how an inspector was able to change an unmotivated fire department into an active, ongoing concern.

ARSON

Arson: Communities Fight Back

25 min. Color 16 mm Not Dated

This film on arson prevention offers some instructive pointers on the actions the fire service and other organizations take to reduce arson losses. Some successful programs in the U.S. are examined. These programs review such topics as reward programs for information leading to the conviction of arsonists, techniques for identifying arson-prone properties, creating public awareness and response to the program, and advancing mutual cooperation between police and fire departments, the insurance industry, prosecuting agencies and the media.

Arson Investigation

22 min. Color 16 mm Not Dated

This film gives an insider's view of an arson investigator at work, and illustrates the fire department's varied roles in the community. The film takes you on location as an investigator applies both detective skills and an expert knowledge of the physical properties of fire and its effect on materials.

Fire Investigator on the Witness Stand

17 min. Color 16 mm 1970s

This film shows the testimony of an experienced fire investigator on the witness stand. See the processes by which the fire investigator and the district attorney work to establish the investigator's expertise, and the prosecutor works to undermine his credibility and his testimony. Through the investigator's comments to himself we see the purpose behind various questions addressed to him on the witness stand, and through his responses we see how best to present testimony in a courtroom situation.

Interviewing and Counselling Juvenile Fire Setters

21 min. Color 16 mm Not Dated

The do's and don'ts of counselling are clearly demonstrated in this film which shows a variety of counselling situations. Three scenarios are included: a young child who had played with matches; a pre-teen and a teenager. In each of the three situations, two interviews are presented - one showing how not to conduct the interview, another showing the proper method of conducting the interview.

Fire service and law enforcement personnel may gain valuable information concerning youthful fire setters and the proper way to approach this often delicate subject.

Kids Playing With Fire

25 min. Color 16 mm Early 1980s

Playing with fire can be a deadly game. A child's 'toy' becomes a torch of destruction. This film portrays how serious juvenile fire setting is by presenting one family's experience. As a result of a young boy playing with fire, four of his siblings died. Through discussions with the parents and remaining child, their counsellor and local fire service personnel, the viewer begins to understand why these deaths occurred and how they could have been prevented.

Ways of detecting and helping the juvenile fire setter are presented.

Killer Arson

38 min. Color 16 mm Late 1970s; early 1980s

This is a lengthy but effective film on arson, arsonists and the victims of arson. It discusses arson fires where firefighters have died, interviews a professional arsonist and presents facts and figures on the cost of arson and how it affects insurance companies and insurance rates. It talks about businessmen involved in arson for profit, juvenile arsonists, the need for neighborhood involvement to prevent arson and the difficulties and efforts to convict and discourage arsonists. The film concludes with recommendations for combating the arson problem.

Torch of Destruction

10 min. Color 16 mm Late 1970s

This is an arson awareness film suitable for general public viewing. A convicted arsonist describes the price he has paid for his crime. By understanding what motivates arsonists, some arsons can be prevented. The film presents hints on arson prevention in the home or business. In addition, an investigator is shown conducting an investigation, using tools which allow the once unidentified arson to be detected.

FIRE CHEMISTRY

Fire: Concepts and Behavior

20 min. Color 16 mm Not Dated

The film explains the basic principles of fire - what elements must be present or under what conditions a fire can occur.

Through demonstrations, this film shows the components of the fire tetrahedron and how changes in the configuration of one element can dramatically effect the production of fire.

The Nature of Fire

15 min. Color 16 mm Not Dated

Developed for the U.S. Navy, this film explains the chemistry of fire. As its title suggests, the film looks at the basic components which constitute fire: fuel, oxygen and heat. In addition to a discussion of each element, table-top demonstrations show the relation between the elements which make up the fire triangle.

While the film was produced over 20 years ago its subject is timeless and the information presented is necessary to understand the nature of fire.

FIRE PREVENTION
Burns and Burn Prevention

After the Pain
20 min. Color 16 mm 1978

This film raises the question - should a seriously burned individual be allowed to die? A discussion among medical professionals and the presentation of the lives of three seriously burned persons indicates that the answer is no. Burned people not only survive, but go on to live normal, healthy and productive lives.

Burn Wise
18 min. Color 16 mm Early 1980s

This film teaches burn prevention and first aid. Using different rooms in a home, the film identifies potential fire and burn hazards and shows how to avoid them. Testimony from victims, doctors and nurses emphasizes the tragedy of burns and the importance of prevention and first-aid treatment.

Here's Looking At You, Kid
50 min. Color 16 mm 1979

On September 6, 1975 seven-year-old Robbie Cole received 3rd degree burns to 73 per cent of his body. As its name implies this film investigates Robbie - his life before and after the burn.

The cast of this film includes Robbie, his mother Maggie and an interviewer. While Maggie and the interviewer watch home movies made of Robbie before the fire, during his stay in hospital and after his return home, they discuss the impact of the accident - the trials, the tribulations and the everyday struggles.

This is a poignant portrayal of a family and particularly a young boy who faced tragedy and turned it into a triumph.

Hot Liquid Burns
18 min. Color 16 mm Not Dated

Hot liquids are a vital part of our everyday lives but most people forget that they are extremely dangerous. This film tells the true story of 11-month-old Kristy Seeger, who was severely burned in a bathtub resulting in the loss of both legs. Her story can alert the public to the fact that hot liquids cause the most serious burns.

This film is suitable for schools, babysitter clinics, child care centres and community groups.

If You Could See Me Now
20 min. Color 16 mm Not Dated

This motivational film for burn recovery and fire and burn prevention looks inside the world of recovered burn patients. People who have lived through major burn accidents share their feelings about how the burn affected them and the people around them. They tell of the pain, depression, fear and anxiety that came with being burned.

NOTE: Because of the nature of this film, it is suggested that the user preview it to determine its suitability for the intended audience.

When Your Clothing Burns
18 min. Color 16 mm Not Dated

This film shows how clothing catches fire, and suggests ways to protect yourself, what to do if your clothing catches fire, and how to treat a burn. Because their skin is thinner, the young and the elderly are most susceptible to serious burns.

Your Clothing Can Burn
13 min. Color 16 mm Mid 1960s

This film presents laboratory demonstrations of fabric flammability. Differences between natural and man-made fibres and the effects of weight, weave and surface texture on flammability are discussed. The film also shows the typical situations where clothing is most likely to ignite, how these situations can be avoided and how to extinguish a clothing fire.

FIRE PREVENTION
Case Studies

Beverly Hills Supper Club Fire

15 min. Color 16 mm 1979

Based on an investigation conducted by the National Fire Protection Association, this film is about a May 28, 1977 fire that claimed the lives of 165 persons and injured 20. Covering 1.5 acres, the club had no sprinkler, fire alarm or detection systems and was completely destroyed. The film emphasizes the need for code enforcement.

The Bondi Story

15 min. Color 16 mm Not Dated

J. Bondi and his wife lost both their children and an entire family perished in a disastrous fire next door. Mr. Bondi became very interested in the prevention of fires and his research showed clearly that a simple inexpensive fire warning device is perhaps the single most important item to avert fire fatalities.

This film is a result of his research and shows the operation and proper placement of smoke and fire detectors.

Fire at the MGM Grand: Hotel Fire Survival

16 min. Color 16 mm 1981

A fire that struck the MGM Grand Hotel on November 21, 1980, killed 85 people. Studying the human aspects of the incident, this film is designed to motivate and instruct - to prompt people to plan for their personal safety when staying at or working in a highrise building. The film shows how firefighting and rescue operations were carried out and documents smoke and fire spread.

The story is told by fire personnel, witnesses at the scene and survivors of the fire. Recording the events of the day, the film features news clips, animation showing fire spread and evacuation routes, interviews and investigator's reports.

Fire in America

30 min. Color 16 mm 1981

This is a colorful account of famous fires in the United States during the last four centuries. Presented are headline fires of past and recent history - in hospitals, schools, factories, prisons, ships and airplanes - with analyses that focus on ignition, fire spread and loss of life and property.

Here's Looking At You, Kid
50 min. Color 16 mm 1979

On September 6, 1975 seven-year-old Robbie Cole received 3rd degree burns to 73 per cent of his body. As its name implies this film investigates Robbie - his life before and after the burn.

The cast of this film includes Robbie, his mother Maggie and an interviewer. While Maggie and the interviewer watch home movies made of Robbie before the fire, during his stay in hospital and after his return home, they discuss the impact of the accident - the trials, the tribulations and the everyday struggles.

This is a poignant portrayal of a family and particularly of a young boy who faced tragedy and turned it into a triumph.

Hot Liquid Burns
18 min. Color 16 mm Not Dated

Hot liquids are a vital part of our everyday lives but most people forget that they are extremely dangerous. This film tells the true story of 11-month-old Kristy Seeger, who was severely burned in a bathtub resulting in the loss of both legs. Her story can alert the public to the fact that hot liquids cause the most serious burns.

This film is suitable for schools, babysitter clinics, child care centres and community groups.

Incendio
17 min. Color 16 mm 1974

This film is a case study of a highrise disaster that occurred in Sao Paulo, Brazil and claimed 179 lives. Actual fireground footage and graphic animation is used to present this study on firefighting techniques and human reactions. Although the building was only two years old at the time of the fire, all combustibles were consumed in two hours. The type of construction, the fire cause, the fire department ineffectiveness and the need for adequate regulations and standards are areas of discussion in this film.

Kids Playing With Fire
25 min. Color 16 mm Early 1980s

Playing with fire can be a deadly game. A child's 'toy' becomes a torch of destruction. This film portrays the seriousness of juvenile fire setting by presenting one family's experience. As a result of a young boy playing with fire, four of his siblings died. Through discussions with the parents and remaining child, their counsellor and local fire service personnel, the viewer begins to understand why these deaths occurred and how they could have been prevented.

Ways of detecting and helping the juvenile fire setter are presented.

Why?
15 min. Colo. 16 mm Early 1950s

Telling the story of a Chicago school fire, the film suggests to the viewer that fire deaths are unnecessary. The fire presented in this case study claimed the lives of 98 children, 29 of whom were found still sitting in their desks. The film points out why these deaths occurred and what could have been done to prevent the great loss of life.

FIRE PREVENTION
Children's Films

Amy ..... for Babysitters

17 min. Colour 16 mm Not Dated

This film teaches young people to become safety conscious babysitters. In the film, a firefighter, paramedic and a police officer give potential sitters classroom demonstration in safety, security, injury prevention and first aid.

An Ounce of Prevention

20 min. Colour 16 mm Not Dated

Using favourite cartoon characters like Bugs Bunny and Daffy Duck, this film demonstrates practical ways to avoid burn injuries at home. Preventing scalding burns in the kitchen and in the bath tub, the dangers of playing with matches and improper storage of flammable liquids in-doors are illustrated.

The value of smoke detectors, escape planning and crawling low in smoke as well as the foolishness of hiding under the bed or in closets during a fire are well emphasized. The film is excellent for children (Grades K-4) and parents.

Challenge of the EDITH Superstars

13 min. Color 16 mm 1980

This educational film shows children the ins-and-outs of E.D.I.T.H. (Exit Drills In The Home). Mixing fun and excitement with serious fire safety information, this film is a take-off of a TV celebrity sports event. The challenge: young "superstars" race against the clock in simulated escapes from fires in a single family house, a two-storey house and a highrise building.

The messages presented are clear: the importance of planning two different escape routes; how the installation of smoke alarms can give you a timely edge; and why crawling low in smoke can help you escape from a burning building.

A Cry for the Children

11 min. Color 16 mm Not Dated

The human tragedy of fire is seen from the point of view of the firefighter himself. A Cry For The Children was conceived by a volunteer firefighter after he witnessed a fire that claimed the lives of three small children. The film, dramatizing the vital need for preplanned escape routes and smoke detectors, is suitable for many segments of the community (elementary grades to adult service clubs).

Donald's Fire Survival Plan (Revised Edition)
11 min. Color 16 mm, VHS 1/2" Not Dated

Narrated by Walt Disney, this animated cartoon depicts what should be done to prevent fires or to survive them. Donald Duck is the star of the film, but it is his three nephews who motivate him to think about fire safety.

In a dream, Donald is visited by a 'common sense' apparition who teaches him about escape planning by showing him how easy it would be to die if he didn't know what to do. Upon awakening, Donald gathers his nephews, and instructs them in fire prevention and survival techniques.

Don't Get Burned
22 min. Color 16 mm 1974

This film provides lessons on fire prevention through its discussions of smoking in bed, babysitting, home fire escapes and false alarms.

Fire and the Witch
11 min. Color 16 mm 1976

Using puppets for the three main characters, this film presents a variation of the Hansel and Gretel fable. After the hero and heroine have entered the gingerbread house, they stall for time by pointing out various fire hazards and tell how to deal with clothing fires, electrical fires, grease fires and the proper method of notifying the fire department.

NOTE: Film does not suggest getting out of the home before calling the fire department. If children watching film do not live in a rural area, they should be advised that proper procedure is to get out of the home and call the fire department from a neighbor's home.

Fire Drill! The Lifesaving Mission
15 min. Color 16 mm 1985

This film for elementary school children which uses the training of NASA Space Shuttle astronauts to illustrate the importance of fire drills, features segments shot on location at the NASA Manned Space Centre, as well as scenes from actual NASA missions.

Fireman - On Guard
11 min. Color 16 mm Not Dated

This film is a capsule account of the many duties of firefighters and how children can be of help. Training is introduced and several different types of fires are shown.

Fire Safety - What's That?
11 min. Color 16 mm Not Dated

This film for pre-schoolers or children in elementary grades shows how fire hazards can be identified, thus preventing accidents from occurring. In cartoon style, the film presents the Get Tuit family showing how they encounter and remedy fire hazards in their home.

Fire Sleuths
25 min. Color VHS 1/2" 1986

This is an entertaining film, base on the TV show "Charlie's Angels", in which three young girls go to work for Sparky the Fire Dog to stop fires in their neighbourhoods. As part of their job for Sparky, the three sleuths teach their families and neighbours how to "put the bite on home fires". (For grades 3-8)

Fire Sleuths on Vacation
25 min. Color VHS 1/2" 1986

The film follows the Fire Sleuths - three young girls - on their travels to a farm, a camping area, and a children's summer camp, where they discover fire hazards and act responsibly to prevent fires. Perfect for encouraging safety awareness on summer vacations.

Holding Hands
16 min. Color 16 mm Not Dated

This film features children attending a meeting of their junior fire prevention squad at the local fire station. Lessons shown in the film are simple and brief, including the hazards of certain articles of clothing, the problems associated with playing with matches, what to do in case of fire and planning a home fire drill.

Home Escape Planning
16 min. Color 16 mm Not Dated

As its name implies, this is a film about fire survival in the home and is particularly suitable for elementary grades. In documentary fashion, the program focuses on a group of school children as they are taught the elements of fire survival by a firefighter from their community.

Items explained include: the importance of smoke detectors in every home, how to make an escape plan for the family, escape methods from second story rooms, survival methods for apartment dwellers, the importance of crawling low in smoke, how to test a door for heat and many other tips.

I'm No Fool With Fire
8 min. Color 16 mm, VHS 1/2" Not Dated

This animated cartoon features a famous Walt Disney character, Jiminy Cricket. Fire prevention fundamentals are emphasized. There are illustrated sequences from fires caused by people's carelessness in not having a fireplace screen, overloading circuits and improperly storing paints, rags and flammable liquids.

Learn Not To Burn
9 min. Color 16 mm 1975

This entertaining film features the Learn Not To Burn television spots staring Dick Van Dyke - the funny man playing it straight with fire safety. Van Dyke points out potential hazards in the home - gasoline storage, wiring, smoldering cigarettes - and gives advice on crawling low in smoke, planning escape routes, and stop, drop and roll.

Learn Not To Burn Wherever You Are
10 min. Color 16 mm 1982

In this sequel to Learn Not To Burn, Van Dyke demonstrates how you can prevent and survive fire by practising simple lessons: plan your escape; use smoke detectors; stop, drop and roll; crawl low in smoke, plus more.

Learning About Fire
13 min. Color 16 mm 1982

Narrated by children, this film was designed for kindergarten to grade four. The film shows that there are good fires and bad fires - the good ones being controlled such as campfires, candles on birthday cakes, and the bad ones being uncontrolled.

While children are shown how to light the good fires, bad fires are depicted by children's drawings. Stressed throughout the film is the message that fire can be a good tool, but is never to be used as a toy. Since fires can occur regardless of how fire safety conscious people are, smoke detectors should be installed in homes and every family should have an escape plan.

Playing With Fire
16 min. Color 16 mm 1975

This film presents Walter's story - a story that could be any child's story. Through Walter's eyes, children and parents learn the consequences of playing with fire. Shown are some aspects of burn treatment and also life saving messages for children over six and adults.

See A Pin
15 min. Color 16 mm Not Dated

"See a pin, pick it up; all the day, you'll have good luck". This theme is presented throughout the film after Mr. Johnson picks up a pin from the street. All day, the invisible good luck fairy, "Mr. Luck" protects the Johnson family from the many fire hazards they encounter.

Overloaded circuits, improper housekeeping, easily reached matches, and careless use of smoker's materials each would have caused a tragedy if not for Mr. Luck.

Sparky vs. the Snat
10 min. Color 16 mm Not Dated

This animated cartoon, featuring Sparky and the Snat (an animal with some physical characteristics of both a snake and a cat), discusses the origin of fire in a humorous way. 'Good' and 'bad' fires are presented (i.e. fire as a heating source and fire from overloaded circuits).

Procedures for preventing fire and what to do in the event of a fire are examined.

Too Young To Burn
27 min. Color 16 mm Early 1950s

This film focuses on how to best educate young children in the handling of fire. It is shown that children should be taught to respect fire and as they grow older, how to use fire. This film suggests that parents should share their fire experiences with their children, pointing out the 'good' as well as 'bad' aspects of fire. Various levels of fire knowledge are suggested for children from one to six years old.

What Do I Do When I See A Fire?
13 min. Color 16 mm Date Unknown

Animal hand puppets learn the correct and incorrect procedures for reporting a fire and avoiding injury. The fire department's dog comments on how they have helped and reinforces the correct method for reporting a fire, the information needed when reporting a fire, and other safety hints for children.

FIRE PREVENTION
Code Enforcement

Before They Happen
15 min. B & W 16 mm 1954

This film depicts a fire prevention officer as he makes his rounds through the community. In each building he spots potential fire hazards and brings them to the attention of those responsible. Hazards such as blocked fire escapes, unsafe furnaces and cluttered debris are detailed with ideas on how to prevent them from happening again.

The viewer is also encouraged to conduct a fire prevention inspection of his or her own home.

Beverly Hills Supper Club Fire
15 min. Color 16 mm 1979

Based on an investigation conducted by the National Fire Protection Association, this film is about a May 28, 1977 fire that claimed the lives of 165 persons and injured 20. Covering 1.5 acres, the club had no sprinkler, fire alarm or detection systems and was completely destroyed. The film emphasizes the need for code enforcement.

Up To Code
15 min. Color 16 mm Not Dated

This film explores the attitudinal problems encountered by many fire prevention officers when conducting inspections. Life safety, economic ramifications and potential lawsuits are among the points stressed in the film.

The real-life consequences of a shoddy restaurant inspection dramatically set the stage, contrasting sharply with a positive inspection demonstration in a manufacturing facility.

C - know the code
O - improve outlook or attitude
D - pay attention to detail
E - do proper enforcement, follow-up on violations

FIRE PREVENTION
General

Are We Fire Safe?
8 min. Color 16 mm 1950s

This film points out fire safety features to be considered when building or buying a home. This includes attention to fire-stopping and doors, walls and partition materials, roofing, electrical wiring and heating equipment installations.

The film also stresses the importance of a home escape plan for families and the need to practise it regularly.

Close-up on Fire
54 min. Color 16 mm Not Dated

This visually hard-hitting ABC documentary explains the economy that industry and government allow themselves when it comes to protecting people from fire. Areas examined are the use of plastics, the hazards of children's clothing and automobile safety.

A Cry for the Children
11 min. Color 16 mm Not Dated

The human tragedy of fire is seen from the point of view of the firefighter. A Cry For The Children was conceived by a volunteer firefighter after he witnessed a fire that claimed the lives of three small children. The film, dramatizing the vital need for preplanned escape routes and smoke detectors, is suitable for many segments of the community (elementary grades to adult service clubs).

Farm Petroleum Safety
26 min. Color 16 mm Mid 1950s

A fire in a rural community provides the impetus for the development of a fire safety committee. At a country fair, this committee demonstrates the properties of petroleum products and both safe and unsafe uses.

Fire - Automobiles
12 min. Color 16 mm Not Dated

This film, originally an ABC documentary, focuses on the danger inherent in the manufacture of automobiles. Stressed is how inadequately reinforced fuel tanks are responsible for deaths after relatively minor rear-end collisions. Experiences of victims are presented.

Fire In Town

27 min. Color 16 mm Mid 1950s

As a result of two fires, 20 years apart, each with two deaths, a volunteer fire department underwent some major changes. After the first deaths, the fire department obtained new equipment and the town developed a better water supply system. The fire department knew that for a good fire protection system many factors must be considered, including: adequate water supply; good equipment; sufficient manpower; code and regulation enforcement; inspections and vigorous communication.

After the second tragic fire, the department recognized that it was lacking one element - inspection - and set about to remedy this. The film stresses the importance of community cooperation and unified action in the development of an effective fire prevention program.

Fire - Matches and Children's Clothing

14 min. Color 16 mm Not Dated

This film, originally an ABC documentary, examines the dangers of children's clothing. Stressed in the film is the necessity for people to be aware of the fire danger of some clothing and to remember this when purchasing clothing. Demonstrations illustrate the differences between flame-resistant and non-flame-resistant clothing in a fire situation.

Fire - Plastics

22 min. Color 16 mm Not Dated

This critical film, originally an ABC documentary, presents the hazards of open and unprotected polyurethane insulation. The speed with which polyurethane can spread a fire or turn a small fire into an inferno is shown.

Fire Response

20 min. Color 16 mm 1982

This film increases public awareness of firesafety by covering the most frequent ways fires start and illustrating the correct actions to take in the event of a fire. Responses demonstrated include sounding the alarm, evacuating the building, and extinguishing the fire if it's not too big to handle. The film also emphasizes the role of smoke alarms, sprinkler systems and fire extinguishers.

Handling Babysitting Emergencies

14 min. Color 16 mm 1980

A babysitter must assume the responsibility for others' safety but to be competent in this endeavor, training is required. This film presents many subject areas in which the sitter should be knowledgeable including: home

security systems; fire escape plans and first aid treatments for burns, cuts and poisoning.

Have a Wonderful Evening

16 min. Color 16 mm Not Dated

This is a fire safety film directed to babysitters and parents who hire babysitters. It dramatically demonstrates the importance of life-protecting fire safety measures. The film presents guidance on escape and rescue measures, dealing with smoke, fire department notification and other concepts important to the welfare of those involved.

Highrise Building Problems

15 min. Color 16 mm 1960s

Various problems arise when a building is too tall for fire department equipment to handle properly. The film explains that such things as security systems, air conditioning systems, closed windows and elevators create situations that hamper or even work against firefighters. The second half of the film deals with methods of preventing highrise fires and how to help the fire department after the fire starts.

Highrise Pre-fire Planning

25 min. Color 16 mm 1960s

This film emphasizes what precautions and systems can be incorporated into the planning and construction of highrise buildings to prevent or inhibit fires. The film suggests that buildings be planned with access for fire vehicles and that elevator and ventilation systems have back-ups available. It also presents various fire detection and alarm systems that are available. Evacuation procedures are also examined taking into account the occupancy and physical characteristics of the building involved.

Hot Cords Can Burn

10 min. Color 16 mm Early 1960s

As its name suggests, this film shows how extension cords, if not properly utilized, can become very serious fire hazards. The correct use of extension cords is shown as well as when permanent home wiring should replace them. The film presents different types and capacities of cords along with methods of keeping cords in good working order.

In Case of Fire

20 min. Color 16 mm Not Dated

This film demonstrates what to do in the event of a fire at school, at home, or in public buildings such as theatres. It describes what action should be taken to evacuate a building quickly and effectively.

It's Time to Light the Fire

16 min. Color 16 mm Not Dated

This film demonstrates the right and wrong ways of handling the barbeque, with emphasis on the dangers of using liquid starters to freshen a burning fire. Depicted in the film are the various types of starters and the safety precautions needed for each type. Also identified in the film are the hazards of barbeques on porches, balconies and closed-in spaces.

Know Thy Exit

11 min. Color 16 mm Not Dated

This cartoon-style film, using simple language, humorous historical situations and featuring "Exit Man", encourages viewers to develop "exit awareness". It shows what to look for in emergency exit routes and how to check that these alternate exits are clear, open and lead to safety. A good session-starter, this film encourages viewers to look out for their own safety in buildings that are potential traps if disaster occurs.

Know Your Fire Hazards

20 min. Color 16 mm Not Dated

Many of the fire hazards found in everyday living are depicted in this film. Demonstrations show how wood, cotton, flour, hair spray, waxes, steel, etc. not normally considered fire hazards can become hazardous. Sources of ignition, other than open flames, are referred to and the dangers associated with flammable liquids, overfusing and abuse of temporary wiring are explained.

Men, Women and Children

20 min. Color 16 mm Not Dated

The film shows how many fires can be avoided through awareness of fire safety and by correcting fire hazards. Interspersed with actual fire and fire rescue scenes the film discusses a wide range of fire safety topics including: the fire triangle, stop drop and roll, first-aid, correcting fire hazards, children and fire, arson, smoke alarms, and escape planning.

Nobody's Fault

20 min. Color 16 mm 1970s

This British film vividly portrays how a series of innocent and seemingly unrelated incidents can suddenly combine to produce a devastating fire. The Inquiry Board's verdict was "nobody's fault" but after seeing this film you may have a different opinion.

Our Obligation
16 min. Color 16 mm 1950s

This is a dramatization of what can happen in a typical school when a fire occurs. The film moves from the serenity of the classroom to the sudden eruption of fire which spreads throughout the school. Technical deficiencies which can account for the unbelievable spread of fire are revealed and methods and procedures for ensuring that this doesn't happen are presented.

Read the Label... and Live
9 min. Color 16 mm Not Dated

This film explains why labels should be read, how to distinguish between more or less hazardous flammable and combustible products, safe handling practices for paint thinners and lacquers, cleaning compounds, hair spray, insecticides and some common medicines.

Residential Sprinklers - Bondi Story III
20 min. Color 16 mm 1986

After losing two children in a tragic residential fire Jay and Carole Bondi have spent countless hours teaching audiences about fire safety in the home. In this film the Bondis explain the value of smoke alarms and escape planning for fire survival, and provide a detailed account of the added protection afforded by quick-response residential sprinklers.

The film includes:
- a live sprinkler demonstration;
- presents a case history on a quick-response sprinkler success;
- discusses the facts and myths about residential sprinklers; and
- shows the installation of sprinklers and the materials used in sprinkler systems.

Rubble Trouble
12 min. Color 16 mm 1973

Through realistic visuals, this film suggests how garbage and rubble can be a serious problem. Good housekeeping and waste disposal methods are stressed as is how to identify waste hazards in warehouses, plants, factories and kitchens.

Wood Stoves: Handle with Care
25 min. Color 16 mm 1982

An excellent and informative film for anyone having, or planning to install, a wood stove at home. The film begins with a brief history and different types of wood stoves, and defines the common terms used in describing their installation, operation and maintenance.

Many useful fire safety hints are provided to the home owner in the purchase, installation, operation maintenance of wood stoves. Good construction, proper clearances, kinds of wood-fuel to use, floor and wall protection, dangers of creosote, chimney cleaning, etc., are emphasized. Proper emergency responses during a chimney fire, the importance of smoke detectors and evacuation plans, and a summary of positive and negative aspects of wood stoves concludes the film.

Woodstove Wisdom
15 min. Color 16 mm 1981

A backwoodsman and volunteer firefighter who knows all there is to know about woodstoves tells viewers about his newsletter, Woodstove Wisdom, which offers solid advice on solid fuel safety. In a witty monologue, he relates answers to the questions his readers commonly ask about buying, installing and maintaining woodstoves.

FIRE PREVENTION
Home Fire Prevention

Amy .... for Babysitters
17 min. Color 16 mm Not Dated

This film teaches young people to become safety conscious babysitters. In the film, a firefighter, paramedic and a police officer give potential sitters classroom demonstration in .... safety, security, injury prevention and first aid.

Another Man's Family
25 min. Color 16 mm Early 1970s

This dramatic film, based on an actual case history, delivers a powerful message on the importance of home fire prevention. The film challenges the idea that fire only happens to someone else and shows how seemingly harmless objects must be recognized and treated as potential fire hazards. The film also emphasizes that fire prevention is an emotional attitude evidenced by an individual seeing and feeling proper respect for a real danger.

The Bondi Story
15 min. Color 16 mm Not Dated

J. Bondi and his wife lost both their children and an entire family perished in a disastrous fire next door. Mr. Bondi became very interested in the prevention of fires and his research showed clearly that a simple inexpensive fire warning device is perhaps the single most important item to avert fire fatalities.

This film is a result of his research and shows the operation and proper placement of smoke and fire detectors.

Condemned
16 min. Color 16 mm Not Dated

Fire is a failure to remove a hazard. This film vividly portrays this fact with live action shots of actual residential fires showing rescue, firefighting and the tragic results of carelessness.

The following are depicted in the film: improper use of flammable liquids; smoking in bed; young children left unattended; matches within easy reach of children; overloaded circuits and the consequences of not having a home escape plan.

A Cry for the Children

11 min. Color 16 mm Not Dated

The human tragedy of fire is seen from the point of view of the firefighter. A Cry For The Children was conceived by a volunteer firefighter after he witnessed a fire that claimed the lives of three small children. The film, dramatizing the vital need for preplanned escape routes and smoke detectors, is suitable for many segments of the community (elementary grades to adult service clubs).

Donald's Fire Survival Plan (Revised Edition)

11 min. Color 16 mm, 1/2" VHS Not Dated

Narrated by Walt Disney, this animated cartoon depicts what should be done to prevent fires or to survive them. Donald Duck is the star of the film, but it is his three nephews who motivate him to think about fire safety.

In a dream, Donald is visited by a 'common sense' apparition who teaches him about escape planning by showing him how easy it would be to die if he didn't know what to do. Upon awakening, Donald gathers his nephews, and instructs them in fire prevention and survival techniques.

Fire: Countdown to Disaster

18 min. Color 16 mm Early 1980s

This effective film for firefighters and civilians uses live footage to show the deadly danger of fire growth, smoke movement and FLASHOVER. Also using actual fire survivors' comments and extended animation sequences the film illustrates critical facts about fire.

The Fire Finders

15 min. Color 16 mm Not Dated

Man is not always present when fire occurs or he may be in a condition where he cannot react quickly (e.g. asleep). Because of this, electronic fire detection systems are needed to provide early warning. The film discusses photoelectric and ionization smoke alarms, rate-of-rise and fixed temperature heat detectors and infrared and ultraviolet optical fire detectors.

The film presents information necessary to determine which type of detector to use and its proper location.

Fire in My Kitchen

10 min. Color 16 mm Not Dated

One of the areas in which fire occurs most frequently during the day is the kitchen. This film demonstrates the measures that can be taken to cope with a top-of-the-range or oven fire, gives guidance on waste basket fires,

over-loaded sockets, grease accumulation, clothing fire hazards around the stove and the correct way to call the fire department.

Fire in the Kitchen

16 min. Color 16 mm Not Dated

This film focuses on the risks and potential fire hazards of this very active area in the house - the kitchen. Hazards include overloaded electrical outlets, ignition of overheated oils and grease, hot liquids and the ignition of loose clothing. Microwave oven safety is also featured. The film is excellent for adult audiences, babysitters and home economics classes.

Fire Power

17 min. Color 16 mm 1986

This film, produced by the National Fire Protection Association and winner of a Silver Hugo, presents a vivid account of a residential fire - from ignition to full fire involvement. Existing live footage of a house fire along with time, temperature and air quality measurements show the tremendous speed and destructive force of fire.

The audience will learn: the patterns of smoke and flame spread through the house; how smoke detectors can save lives; how to prevent fires from starting; how to get out fast if a fire starts; and how residential sprinkler systems can quickly suppress fires in their early stages.

Firesafety For The Elderly

22 min. Color 16 mm Not Dated

This film presents problems relating to fire safety and senior citizens. Discussed are the use of flammable liquids, fireplaces, smoking, clothing, space heaters and fire planning.

Fire Sleuths

25 min. Color VHS 1/2" 1986

This is an entertaining film, based on the TV show "Charlie's Angels", in which three young girls go to work for Sparky the Fire Dog to stop fires in their neighbourhoods. As part of their job for Sparky, the three sleuths teach their families and neighbours how to "put the bite on home fires". (For grades 3 - 8).

Fire Sleuths on Vacation

25 min. Color VHS 1/2" 1986

The film follows the Fire Sleuths - three young girls - on their travels to a farm, a camping area, and a children's summer camp, where they discover fire hazards and act responsibly to prevent fires. Perfect for encouraging safety awareness on summer vacations.

Fire Smarts - Put the Lid on Cooking Oil Fires in Your Home

7 min. Color VHS 1/2" 1987

This video, produced by the Fire Prevention Branch of Alberta Labour in cooperation with the Edmonton and Red Deer Fire Departments, was an outcome of a review of fire statistics which indicated that during 1984 to 1986 cooking oil fires were the leading fire problem and the major cause of fire injuries in Alberta homes.

Proper and improper procedures and utensils for deep-fat frying, the correct oil temperatures during frying, the dangers of overheating cooking oils and the value of using thermostatically controlled fryers and skillets are illustrated. Actual fire scenes showing the spread of smoke and fire in a kitchen following the eruption of flames in an overheated pot of cooking oil are presented. "Putting the lid on" a flaming pot of oil is repeated at several points for emphasis. What not to do during a cooking oil fire is also emphasized. An animated sequence on the "stop, drop and roll" technique to smother flames on clothing concludes the presentations. The video is suitable for adult audiences and home economics classes.

Fire... Two Ways Out

16 min. Color 16 mm Not Dated

This dramatic film shows the dangers and possibly fatal situations facing families who have failed to plan escape measures. Illustrated are the basics of planning for one and two storey homes, as well as apartments.

An educational film for use by schools, industry, training and civic groups.

Have a Wonderful Evening

16 min. Color 16 mm Not Dated

This is a fire safety film directed to babysitters and parents who hire babysitters. It dramatically demonstrates the importance of life-protecting fire safety measures. The film presents guidance on escape and rescue measures, dealing with smoke, fire department notification and other concepts important to the welfare of those involved.

He Comes Without Calling

31 min. Color 16 mm Not Dated

Filmed at the Enoch Band Reserve near Winterburn, Alberta and introduced by Chief Dan George, the film focuses on common fire hazards. By following the everyday activities of a family, events that could or do lead to a tragedy are shown. Presented are problems associated with matches, gasoline, oily rags, space heaters and stoves.

Highrise Building, Firesafety and You
10 min. Color 16 mm Not Dated

A fire in a highrise building may start just like a fire anywhere else, but what happens next can be very different. This film presents tips and procedures necessary to survive a highrise fire.

While the film gives the viewer the knowledge necessary to survive a fire, it also stresses that fire prevention is the real key.

Home Escape Planning
16 min. Color 16 mm Not Dated

As its name implies, this is a film about fire survival in the home and is particularly suitable for elementary grades. In documentary fashion, the program focuses on a group of school children as they are taught the elements of fire survival by a firefighter from their community.

Items explained include: the importance of smoke detectors in every home, how to make an escape plan for the family, escape methods from second storey rooms, survival methods for apartment dwellers, the importance of crawling low in smoke, how to test a door for heat and many other tips.

Hot Cords Can Burn
10 min. Color 16 mm Early 1960s

As its name suggests, this film shows how extension cords, if not properly utilized, can become very serious fire hazards. The correct use of extension cords is shown as well as when permanent home wiring should replace them. The film presents different types and capacities of cords along with methods of keeping cords in good working order.

I'm No Fool With Fire
8 min. Color 16 mm, VHS 1/2" Not Dated

This animated cartoon features a famous Walt Disney character, Jiminy Cricket. Fire prevention fundamentals are emphasized. There are illustrated sequences from fires caused by people's carelessness in not having a fireplace screen, overloading circuits and improperly storing paints, rags and flammable liquids.

In a Fire... Seconds Count
18 min. Color 16 mm Not Dated

In a fire situation, an individual doesn't have the time to think about what to do. This film stresses that fire safety must be automatic. To this end, a family must practise an escape plan... to be prepared. Through

a dramatization of a near tragedy, the importance of pre-fire planning is emphasized.

This film presents many aspects of home fire planning including: sleeping with the door closed; whistling to other family members when a fire occurs; not getting dressed; meeting outside; contacting a fire department from outside the home and crawling low in smoke.

Know Your Fire Hazards

20 min. Color 16 mm Not Dated

This film depicts many of the fire hazards found in everyday living. Demonstrations show how wood, cotton, flour, hair spray, waxes, steel, etc. not normally considered fire hazards can become hazardous. Sources of ignition, other than open flames, are referred to and the dangers associated with flammable liquids, overfusing and abuse of temporary wiring are explained.

Learn Not To Burn

9 min. Color 16 mm 1975

This entertaining film features the Learn Not To Burn television spots staring Dick Van Dyke - the funny man playing it straight with fire safety. Van Dyke points out potential hazards in the home - gasoline storage, wiring, smoldering cigarettes - and gives advice on crawling low in smoke, planning escape routes, and stop, drop and roll.

Men, Women and Children

20 min. Color 16 mm Not Dated

The film shows how many fires can be avoided through awareness of fire safety and by correcting fire hazards. Interspersed with actual fire and fire rescue scenes the film discusses a wide range of fire safety topics including: the fire triangle, stop drop and roll, first-aid, correcting fire hazards, children and fire, arson, smoke alarms, and escape planning.

Mobile Home Fire Safety

15 min. Color 16 mm 1977

This information film dramatically illustrates the fire hazards unique to these dwellings, particularly those built prior to 1967.

Utilizing a question and answer format, a fire marshal points out potential problems such as windows too small to crawl through, highly flammable wall finishes and lack of fire warning devices. Then he explains the proper way to correct the problems. Fire prevention, escape planning, early detection and fire suppression are reviewed.

NOTE: This film deals with the U.S. mobile home industry.

Operation Open House
14 min. Color 16 mm 1980s

After fire gutted the interior of the Henry family home, the family worked with the local fire department, hospital burn unit and insurance company to hold an open house for their community. They allowed people to tour their house and read information about the fire posted throughout the house, pick up pamphlets, and talk with the family members, the firemen and other representatives of fire safety. The family's hope is that others may learn through their tragic experience.

Residential Sprinklers - Bondi Story III
20 min. Color 16 mm 1986

After losing two children in a tragic residential fire Jay and Carole Bondi have spent countless hours teaching audiences about fire safety in the home. In this film the Bondis explain the value of smoke alarms and escape planning for fire survival, and provide a detailed account of the added protection afforded by quick-response residential sprinklers.

The film includes:
- a live sprinkler demonstration;
- presents a case history on a quick-response sprinkler success;
- discusses the facts and myths about residential sprinklers; and
- shows the installation of sprinklers and the materials used in sprinkler systems.

You and Yours
25 min. Color 16 mm Not Dated

This film looks at the total fire picture. It describes consequences of fire, the most likely types of fire injuries and the most likely people to incur them. Beginning with the description of the fire triangle, the film shows the common causes of fire and how fire can be avoided by keeping the elements of the fire triangle apart. Home fire detection and extinguishing systems are discussed, as is escape planning.

FIRE PREVENTION
Hospital Fire Prevention

A Call For Dr. Redd
24 min. Color 16 mm Not Dated

Despite staff caution, preventive maintenance of equipment and preventive training for all employees, fires are a constant threat in hospitals. This film shows what can happen if staff personnel and patients do not observe fire safety regulations and helps create employee awareness by showing the devastation that a fire can cause. The film also helps hospital employees spot potential fire situations and shows them how to prevent hazardous incidents from becoming major fires.

Code 1001
20 min. Color 16 mm Not Dated

This is an educational training film on relocation of patients in hospitals, nursing homes and medical care facilities. The film illustrates and explains horizontal and vertical use of a floor plan to determine a means of egress for relocating and evacuating patients. Knowing the location of fire alarms, how to use extinguishers and standpipes, what action should be taken in the event of a fire including the order of removal and lifts and carries are other areas discussed in this film.

The Evacuation of Medical Facilities
18 min. Color 16 mm 1981

Emergency preparedness is the theme of this film which emphasizes that planning is essential to minimize the risks of a disaster. Different aspects of the planning process are discussed and specific evacuation procedures are presented.

Fire Care
Part I and II
18 min. and 14 min. Color 16 mm 1986

Fire Care is a two-part presentation covering the broad scope of fire safety in health care facilities. Part I covers planning for fire emergencies, staff involvement in fire safety, fundamentals of fire prevention, common fire hazards in health care settings, responding to a fire emergency, and types of fire protection equipment. Part II deals with how to use portable fire extinguishers, proper procedures during a fire emergency and responsibility of each person.

Fire Danger in Hospitals
22 min. Color 16 mm Not Dated

This film is about hospitals and fire. Its aim is to instruct all levels of hospital personnel in the principles of basic fire safety. In a concise, simple manner the viewer is taken through sequences dealing with the nature of fire, its relationship with the everyday environment, risk areas, fire prevention and the necessary action to be taken if a fire should occur.

Fire Prevention for Special Care and Long Stay Hospitals
20 min. Color 16 mm 1970s

Unlike a general hospital, these establishments often accommodate patients for many years. Care often necessitates a more "home-like" atmosphere and extra risks are created. The training film helps employees understand these risks and how to cope with them in order to avert disaster.

Flashover
15 min. Color 16 mm, VHS 1/2" Not Dated

This film for hospital and nursing home staff emphasizes the need for quick and appropriate action when smoke is discovered. How and why flashover occurs, its possible consequences and what can be done to prevent or delay its occurrence are discussed.

Hospital Fire Safety
15 min. Color 16 mm Not Dated

When a fire occurs in a hospital, it is extremely important that staff be able to react quickly and correctly. Presenting four steps necessary in a fire plan, this film describes relocation, confinement, notification and extinguishment.

Rescue techniques are presented (relocation) as are methods of keeping a small fire from becoming a big fire (confinement), knowing the location and function of the fire alarm system (notification) and knowing what extinguisher to use on a particular type of fire (extinguishment).

Hospitals Don't Burn Down (Australian)
24 min. Color 16 mm 1978

This impact film vividly portrays a credible series of events leading to a major fire in a large general hospital. This dramatized documentary conveys a warning as to what can happen in a hospital through an irresponsible act, poor housekeeping, breakdowns in discipline among staff and patients and above all, through a lack of proper fire safety training for all staff.

Prognosis: Fire
20 min. Color 16 mm Late 60s or early 70s

The information presented is aimed specifically at people working in health care facilities. Several topics are discussed including:

- o hazards found in specific areas such as laundries, kitchens, rooms containing radioactive materials, areas under construction, and patient rooms;
- o available prevention, protection and control devices ie. self-closing doors, pull stations, extinguishers;
- o responsibilities of individuals at a fire scene.

Reasons for Caring
17 min. Color 16 mm Not Dated

Hospitals contain a great number of flammable liquids and this film investigates what can be done to minimize the risks of fire in this setting. Training staff how to use flammable liquids is emphasized as is knowing how to use fire safety apparatus.

The importance of staff knowledge of procedures to follow in the event of fire is stressed.

The Rehearsal
23 min. Color 16 mm Early 1980s

Health care facility evacuation is demonstrated. The film shows hospital staff and community emergency personnel rehearsing removal of ambulatory and non-ambulatory patients to areas of refuge, down stairwells and to vehicles for transport to other facilities.

RX For Fire
19 min. Color 16 mm Not Dated

This film is a valuable teaching aid for hospital staff. Concepts presented in this film are frequent hospital fire situations, common fire hazards, basic steps in fire emergencies, evacuation and relocation of patients. Other subject areas include fire prevention, the value of emergency planning, elimination of hospital hazards and operation of extinguishing equipment.

They Call It Fireproof
28 min. Color 16 mm 1963

By presenting a scenario, the film shows how a chain of small infractions of fire safety rules brought disaster to what had been considered a modern, fireproof hospital. The film shows what could have been done to prevent

the fire and clarifies responsibilities of all concerned. While no one individual was responsible for the fire, it is everyone's responsibility to learn basic fire precautions.

FIRE PREVENTION
Fire Prevention in the Workplace

Deadly Dust
26 min. Color 16 mm Late 1970s

This educational film is aimed at personnel in grain storage and processing firms, showing the devastating effects of dust explosions. Methods of controlling dust and eliminating potential ignition points are presented. The film stresses employee training and recognition of the concept that safety is everyone's job.

Employee Evacuation: Action for Survival
13 min. Color 16 mm 1984

This film demonstrates to employees the critical importance of planned evacuations. It shows what to do in those crucial moments when they hear the alarm and stresses the need for practice and familiarity in evacuation. The film encourages employees to take an active role in planning for their own survival.

The First Five Minutes
27 min. B & W 16 mm 1956

In extinguishing a fire, the first five minutes are critical. Industrial fires are the focal point of this film and the areas presented are - the three basic types of fires and the extinguishers needed to put them out, how to spot potential fires and correct those situations and the importance of having a well-trained fire brigade to prevent damage to equipment and loss of personnel.

Hands at Work
20 min. Color 16 mm 1986

The film teaches fire safety at the work place. It shows employees how to ..... develop safe work habits, eliminate common fire hazards, use firefighting equipment, and plan escape and evacuation drills.

Hotel Fire Alert: Employee Procedures
22 min. Color 16 mm 1982

This safety training film demonstrates key fire prevention and fire escape practices for hotel and motel employees, stressing the need for safety consciousness at all times. Covered are appropriate safety procedures for all aspects of hotel operations and employees are encouraged to make safety checks part of their everyday routine.

Kitchen Safety

15 min. Color 16 mm Not Dated

This film presents many of the common fire hazards that are found in commercial kitchens. Many aspects of the fire safety problem are discussed including: grease build-up in the duct system; storage of oily rags; smoking; frayed electrical cords; the use of deep fat fryers and overloading circuits.

Also presented is the concept that the employee must know what type of extinguisher to use and how to operate it. In addition the employee must know where all exits are located and how to properly report a fire.

Preventing Cutting and Welding Fires

14 min. Color 16 mm Not Dated

This film illustrates, in live action and animation, the many safety measures that should be used to prevent fires before, during and after cutting and welding operations.

Cutting and welding operations cause sparks. Sparks cause fires unless precautions are used. The precautions, as stressed in the film, include: using safe and approved equipment; ensuring operation of fire protection systems (such as sprinkler systems) for buildings; properly cleaning and preparing the work area; using permit systems and providing for a fire watcher.

Rubble Trouble

12 min. Color 16 mm 1973

Through realistic visuals, this film suggests how garbage and rubble can be a serious problem. Good housekeeping and waste disposal methods are stressed as is how to identify waste hazards in warehouses, plants, factories and kitchens.

Stop a Fire Before It Starts

10 min. Color 16 mm Not Dated

Fire is old, but it keeps finding new ways to start... new materials are always being produced and new methods being developed. This film looks at fire prevention methods in an industrial setting and presents dangers commonly found there.

Combustible materials around the area where an acetylene torch is being used is one hazard. The production of insulation materials presents special problems and requires special precautions to be taken. Sparks from switches and motors and dust accumulation can be a deadly combination. But, industrial sites also have problems similar to residences - bad wiring, overloaded circuits and misuse of extension cords.

Will Your Job Burn?

18 min. Color 16 mm Not Dated

Each year many people are burned out of a job. The casualties of fire go beyond those who are physically injured. Companies may lose sales. Employees may lose their jobs and their self-respect.

This film stresses the need for a cooperative effort in developing and maintaining fire safety. There are no short cuts. Everyone - managers, employees, unions - must work together as fire safety requires persistence, planning and training to develop.

Many areas of the industrial setting are discussed, including the responsibilities of people working in electrical equipment areas, carpentry shops, welding and grinding areas, or maintenance shops. The impact of new processes is also presented.

FIRE RESEARCH

Close-up on Fire

54 min. Color 16 mm Not Dated

This visually hard-hitting ABC documentary explains the economy that industry and government allow themselves when it comes to protecting people from fire. Areas examined are the use of plastics, the hazards of children's clothing and automobile safety.

Fighting Fire with Science

40 min. Color 16 mm Late 1900s

Narrated by Raymond Burr, the film describes the many improvements made to the tools of the fire service trade such as breathing apparatus, hoses, communication systems, monitors, simulators, chemicals for specialized fires, hydrants and clothing. In addition, the film discusses the many fire safety improvements made in the building industry, including fire retardant building materials, piping, wall coverings, furniture and furnishings, electrical insulation, paints and carpeting.

Fire - Automobiles

12 min. Color 16 mm Not Dated

This film, originally an ABC documentary, focuses on the danger inherent in the manufacture of automobiles. Stressed is how inadequately reinforced fuel tanks are responsible for deaths after relatively minor rear-end collisions. Experiences of victims are presented.

Fire: Countdown to Disaster

18 min. Color 16 mm Early 1980s

This effective film for firefighters and civilians uses live footage to show the deadly danger of fire growth, smoke movement and FLASHOVER. Also using actual fire survivors' comments and extended animation sequences the film illustrates critical facts about fire.

Fire - Matches and Children's Clothing

14 min. Color 16 mm Not Dated

This film, originally an ABC documentary, examines the dangers of children's clothing. Stressed in the film is the necessity for people to be aware of the fire danger of some clothing and to remember this when purchasing clothing. Demonstrations illustrate the differences between flame-resistant and non-flame-resistant clothing in a fire situation.

Fire - Plastics

22 min. Color 16 mm Not Dated

This critical film, originally an ABC documentary, presents the hazards of open and unprotected polyurethane insulation. The speed with which polyurethane can spread a fire or turn a small fire into an inferno is shown.

Fire Power

17 min. Color 16 mm 1986

This film, produced by the National Fire Protection Association and winner of a Silver Hugo, presents a vivid account of a residential fire - from ignition to full fire involvement. Exiting live footage of a house fire along with time, temperature and air quality measurements show the tremendous speed and destructive force of fire.

The audience will learn: the patterns of smoke and flame spread throughout the house; how smoke detectors can save lives; how to prevent fires from starting; how to get out fast if a fire starts; and how residential sprinkler systems can quickly suppress fires in their early stages.

Setting Fires for Science

20 min. Color 16 mm Late 1950s

Due to the building of the St. Lawrence Seaway, a small town in southern Ontario had to be abandoned. The National Research Council of Canada saw this as an excellent chance to do in-depth research on the behavior of fires in different types of homes. Various teams of scientists set up sophisticated instruments in the houses to measure heat, smoke, gases, rates of combustion and other items. The information compiled was used to better understand the behavior of fires and to develop new standards in fire protection.

Vinyl: Trial by Fire

18 min. Color 16 mm Early 1980s

A fire department conducts a series of fire tests on various forms of vinyl plastic with some surprising results to both themselves and the viewing audience. Using a vinyl Christmas tree, tablecloth, window frame, plumbing pipes and vinyl-covered wiring in typical household settings, the men set fires and observed the results. In each case, the vinyl plastic resulted in far less damage than had been expected.

FIRE SUPPRESSION TRAINING
Apparatus And Equipment

Aerial Apparatus
32 min. Color 16 mm Not Dated

This training film demonstrates the proper use of the service aerial ladder, tractor type aerial ladder, telescoping boom and aerial platforms. A ladder company shows spotting, stabilizing, controlling and safety. There are fadeout pauses after each sequence to provide time for questions, answers and further instruction.

Care and Maintenance of Fire Hose
20 min. B & W 16 mm 1955

As its name suggests, this film is about the care and maintenance of fire hose, specifically cotton double-jacketed, rubber-lined hose. In addition to general care, the film shows how hose can be tested, dryed and stored and how damage to hose can be prevented or lessened.

Fire Apparatus Preparation
9 min. Color 16 mm Not Dated

The great responsibility of being 'ready to roll' is thoroughly covered in this informative film, which provides both a complete indoctrination for the new driver and a detailed review for the experienced one.

Fire Hose
20 min. B & W 16 mm 1940s

This film presents: construction and care of hose; hose appliances; hose loading, hose laying and advancement and how to dry and store hose.

Although the film is over 35 years old, much of its content is still valid today.

Ground Ladders
30 min. Color 16 mm Not Dated

This training film teaches the proper and safe use of ground ladders. There are fadeout pauses after each sequence to provide time for questions, answers and further instruction.

Hose Evolutions and Hose Line Equipment
28 min. B & W 16 mm Not Dated

This film presents methods of hose handling and hose evolutions.

Hose Lays With Two Piece Companies

27 min. B & W 16 mm 1950s

This film shows two-piece company hose lays including: 2 1/2" hose reduced to two 1 1/2" lines, 2 1/2" lines laid simultaneously, extension lines and hose lays at right angles to apparatus.

Added topics include: advancing hose lines over ladders and fire escapes, proper use of standpipes and the use of pike poles to advance hose lines.

Pump Operator

26 min. Color 16 mm Not Dated

The film depicts the development of the apparatus, how it is placed in service and how a potential operator is trained to use it. The film presents tips on drafting water and other pumping procedures.

SCBA

31 min. Color VHS 1/2" 1986

An instructional video tape to assist firefighters in learning about the respiratory hazards involved in fighting fires, the variety of types of self-contained breathing apparatus (SCBA) available today, methods of donning and using SCBA and proper practices for maintaining this equipment. The video tape has been developed based on NFPA's Standard for Firefighter Professional Qualifications - NFPA 1001, and comes with an instructor's guide.

FIRE SUPPRESSION TRAINING
Extinguishers and Sprinklers

Automatic Sprinklers: the Myths and Magic
15 min. Color 16 mm Not Dated

This sales film attempts to lessen misconceptions people may have about the use of sprinklers. Sprinkler systems are designed for the area and the material that is to be housed. Different types of systems such as pre-action, on-off, dry-pipe and deluge are evaluated. Types of actuating devices on heads (chemical pellets, liquid glass bulb, fuseable link) and the positioning of sprinkler heads (upright and pendant) are also presented and discussed.

Extinguish that Fire
25 min. Color 16 mm Not Dated

This film explains what type of fire extinguisher to use, how to use it and the importance of overhaul operations. The film describes the use of all types of A, B, C and D class extinguishers.

The best protection against fire may be prevention and education. Should a fire occur an individual must know what's burning, what type of extinguishing agent to use and how to use it.

Fire Extinguishers: The First Responder
11 min. Color 16 mm, VHS 1/2" 1984

By experiencing this "hands on" training class given by a fire department instructor, viewers can learn the important points when using fire extinguishers - the 4 classes of fires and how to choose the correct type of extinguishers to fight each class, the use of halon, how to use an extinguisher properly, how to safely fight a fire, when to get out, "flashbacks" and "hot spots". The film also discusses preplanning for fire.

The First Five Minutes
27 min. B & W 16 mm 1956

In extinguishing a fire, the first five minutes are critical. Industrial fires are the focal point of this film and the areas presented are - the three basic types of fires and the extinguishers needed to put them out, how to spot potential fires and correct those situations and the importance of having a well-trained fire brigade to prevent damage to equipment and loss of personnel.

Flammable Liquid Fire Safety

18 min. Color 16 mm Not Dated

This film presents possible ignition sources such as smoking, static electricity and cutting and welding equipment. Shown is how proper ventilation and the use of safety containers can reduce the risks involved. Safe handling methods are depicted as is the type of extinguisher which can be used on flammable liquid fires.

Portable Extinguishers

23 min. Color 16 mm Not Dated

The danger of using the wrong extinguisher and the necessity of learning about fire and fire extinguishers before a fire occurs is shown in this film. It demonstrates the use of many types of extinguishers that are available to fight fires of different classes.

One limitation of the film is that it uses the old classification or rating numbers of B class extinguishers. Also the operation of soda-acid extinguishers is demonstrated. This type of extinguisher is no longer manufactured.

Residential Sprinklers - Bondi Story III

20 min. Color 16 mm 1986

After losing two children in a tragic residential fire Jay and Carole Bondi have spent countless hours teaching audiences about fire safety in the home. In this film the Bondis explain the value of smoke alarms and escape planning for fire survival, and provide a detailed account of the added protection afforded by quick-response residential sprinklers.

The film includes:

- a live sprinkler demonstration;
- presents a case history on a quick-response sprinkler success;
- discusses the facts and myths about residential sprinklers; and
- shows the installation of sprinklers and the materials used in sprinkler systems.

A Second Chance: Consumer's Guide to Fire Extinguishers

15 min. Color 16 mm 1984

This film instructs viewers on escape planning, fire protection and control, kitchen discipline, electrical responsibility, what extinguishers to buy, where to place them, and how to operate and maintain them.

Using Fire Extinguishers - the Right Way

12 min. Color 16 mm Not Dated

Through an explanation of the fire triangle, the film demonstrates how a fire can be put out. The type of extinguishers to use on Class A, B and C fires is shown, as well as the method of operating each. Stressed is the fact that if a fire occurs one must know what to do - where an extinguisher is, which type, how to use it and then to use it only if an escape route is available.

Through the use of demonstrations the film convinces the viewer that anyone can operate a fire extinguisher successfully.

FIRE SUPPRESSION TRAINING
Flammable Liquid and Gas Firefighting

Analysis of a Bulk Plant Fire

25 min. B & W 16 mm Early 1960s

In Kansas, in 1959, a bulk plant fire took the lives of six firefighters. Describing the circumstances that led up to and events that occurred during the fire, this film shows how not to fight this type of fire and describes 'how to'.

Although this film was produced approximately 25 years ago, its content is still applicable to a problem more frequently encountered today.

BLEVE

19 min. Color 16 mm 1975

Boiling Liquid - Expanding Vapour Explosion (BLEVE) is a term given to an explosion which occurs when a liquified flammable gas container fails after it has been exposed to fire. The film discusses how fire departments must be aware of the problems of flammable liquids and be prepared to handle them in event of a fire. Knowing what materials are transported and what your firefighting resources are comprise part of the necessary pre-fire planning that can reduce the risk of a BLEVE.

This film presents spectacular fire-ground footage showing how these explosions can cause widespread death and destruction. Expert guidance is offered on decisions affecting attack or evacuation.

Closed Containers and Fire

20 min. Color 16 mm Not Dated

This film depicts what can happen when closed containers are subjected to fire and advises firefighters how to deal with such situations. In live action and animation the film illustrates the concept of a BLEVE and explains the physical changes which take place in closed containers causing them to rupture or explode.

Containers or situations presented in the film include gasoline drums, LPG tank cars, storage sites and portable cylinders.

The Easy Way Out

20 min. Color 16 mm Not Dated

By means of laboratory demonstrations and actual fire scenes, this film explains: what foam is; how it works to extinguish a flammable liquid fire; the characteristics of good fire-fighting foam; the different types of foam and how to produce foam at a fire scene.

Also discussed is the procedure for using foam when fighting a flammable liquid fire in a vertical tank.

Emergency Control of Natural Gas

30 min. Color 16 mm Not Dated

Various control procedures that firefighters can use at emergencies involving natural gas are vividly portrayed in this colorful film. Actual fires and aftermath explosions demonstrate the hazards and show how they can most safely be approached.

Fighting Tank Fires

25 min. Color 16 mm Not Dated

Described in this film are the basic procedures for fighting flammable liquid tank fires with water. Pre-fire planning is critical for an effective firefighting operation and items such as emergency venting, exposures, piping arrangements and construction materials and design must be carefully considered. Firefighting tactics may vary with each bulk plant.

Various methods of attack are presented in test fires involving both vertical and horizontal tanks.

Flammable Liquid Fire Safety

20 min. Color 16 mm Not Dated

Through unique visualization of the characteristics of flammable liquids, this film shows how hazardous situations develop and why certain practices are recommended. The correct way to attack small fires with extinguishers and basic instruction in firefighting are also depicted.

Gasoline Tank Truck Emergencies

20 min. Color 16 mm Early 1980s

Designed to help fire departments plan for and respond to tank truck emergencies, this film explains the fire hazards of gasoline and demonstrates safe, effective procedures for handling tank truck rollovers, leaks, spills and fires. Live fire training sessions and actual tank truck incidents are featured.

Handling LP Gas Emergencies

25 min. Color 16 mm Late 1960s

Produced for training purposes, this film presents methods for handling liquified petroleum gas emergencies involving both fires and unignited leaks of liquid and/or vapour. The importance of knowing the following items is stressed:

- o learning the physical properties of LP gas;
- o knowing the features of a gas installation that can help you control LP gas leaks;
- o pre-planning the handling of LP gas at the site;
- o learning and practising tactics of vapour dispersal control;
- o not extinguishing burning LP gas any other way than by shutting off the flow;
- o protecting LP gas containers and exposures from radiant heat.

Handling Petroleum Storage Fires

26 min. Color 16 mm 1981

A petroleum storage fire is spectacular, expensive and dangerous, but it can be controlled and extinguished successfully. However, success depends on four factors: knowledge (thorough pre-fire planning is essential); cooperation (between fire department and industrial personnel); resources (availability of water, foam concentrate and personnel) and strategy and tactics. These four factors are presented in detail covering such topics as the proper techniques of fighting fires in different designs of tanks, and types and application of foam.

Pipeline on Wheels

28 min. Color 16 mm 1951

This film shows safety factors that must be considered in fuel tank truck operation. A flashback to a driver's training days provides the viewer with information on the measures that ensure safe transportation of fuel, including venting, safety valves and the structure of the tanker.

One demonstration in this film involves the setting of a fuel tank fire to show that there is no danger of explosion.

Tank Vehicle Fire Fighting

24 min. Color 16 mm Mid 1960s

The film presents strategies for fighting tank fires under a variety of conditions - when there is a fire but no spill, a fire with a spill, a spill with no fire, a fire at a service station and a fire involving a tank vehicle and another vehicle.

This training film shows that to fight a tank fire it is necessary to determine truck contents, know the design features of the vehicle, cool the tank with a straight stream first, approach the fire slowly with spray protection, stop the flow of fuel, control running fires, back out slowly, use water spray to dissipate vapours and use monitors for dangerous fires.

FIRE SUPPRESSION TRAINING
General

Fighting Fire with Science
40 min. Color 16 mm Late 1960s

Narrated by Raymond Burr, the film describes the many improvements made to the tools of the fire service trade such as breathing apparatus, hoses, communication systems, monitors, simulators, chemicals for specialized fires, hydrants and clothing. In addition, the film discusses the many fire safety improvements made in the building industry, including fire retardant building materials, piping, wall coverings, furniture and furnishings, electrical insulation, paints and carpeting.

Fireman - On Guard
11 min. Color 16 mm Not Dated

This film is a capsule account of the many duties of firefighters and how children can be of help. Training is introduced and several different types of fires are shown.

Highrise Building Problems
15 min. Color 16 mm 1960s

Various problems arise when a building is too tall for fire department equipment to handle properly. The film explains that such things as security systems, air conditioning systems, closed windows and elevators create situations that hamper or even work against firefighters. The second half of the film deals with methods of preventing highrise fires and how to help the fire department after the fire starts.

Highrise Pre-fire Planning
25 min. Color 16 mm 1960s

The film emphasizes what precautions and systems can be incorporated into the planning and construction of highrise buildings to prevent or inhibit fires. The film suggests that buildings be planned with access for fire vehicles in mind and that elevator and ventilation systems have back-ups available. It also presents various fire detection and alarm systems that are available. Evacuation procedures are also examined taking into account the occupancy and physical characteristics of the building involved.

SI Fireground Operations
34 min. Color VHS 1/2" 1984

Fire characteristics, firefighting procedures and equipment are discussed in terms of metric units by a firefighter. The video serves to allay

fears, misconceptions and confusions that may arise in the adoption of the International System of Units by the fire service.

Stress & Burnout in the Fire Service

3 1/2 hr. Color VHS 1/2" 1986

A four-part comprehensive informational package, in video format, designed specifically to help firefighters deal with job-related stress and burnout.

Part I: Understanding Stress (85 min)

Explains what stress is, and its short and long-term effect on physical and psychological well-being. Helps understand the process of adaptation and warning signs of maladaptation which are essential to successful coping and enjoying a long, healthy career.

Part II: Critical Incidents (36 min)

Focuses on critical incidents that lead to post-traumatic stress disorders (P.T.S.D.) in firefighters. Common symptoms of P.T.S.D. and the value of debriefing programs and peer counselling are discussed.

Part III: Stress and the Family (32 min)

Deals with the effects stress has on family members and the value of effective communication and a supportive family base. The central theme of this tape is that the family should always take precedence over the job.

Part IV: Coping with Stress (58 min)

Describes effective means of coping with the demands of the job. Examines the role of exercise, emotional expression, nutrition and relaxation as part of a healthy life style. Also looks at ineffective coping techniques. The video emphasizes that with increased awareness of management, peer support, and a proper understanding of job-related stress, many of the threats to health can be prevented.

The Price of Fire

16 min. B & W 16 mm Not Dated

This film is a dedication to firefighters. By showing several fire scenes the viewer sees both the tasks firefighters must perform to put out a fire and the tragic aftermath. The moving finale of a firefighter's funeral cortege is a forceful reminder that lives need not be lost if all people assist in preventing fires.

Train We Must

20 min. B & W 16 mm 1953

This film is directed to volunteer fire departments and attempts to familiarize members with equipment and procedures. Topics covered include the use of ladders, nozzles, hose evolutions, hydrant operations, extinguishers, axes and pike poles. Maintenance of equipment and apparatus is also discussed.

Volunteer Firefighters: The Unique Breed

18 min. Color 16 mm 1979

This drama tells the story of volunteer firefighting in the United States and chronicles the training received by each volunteer. Training sequences and actual firefighting scenes are portrayed.

This film would be useful in recruitment programs.

Women Under Fire

20 min. Color 16 mm Late 70s, early 80s

This film features the women firefighters of the Madison, Wisconsin Fire Department and shows how they and their male colleagues feel about females doing what used to be exclusively men's work. It talks about the physical strength, technical expertise, tricks-of-the-trade, the ole' boys network, gender tension at the station, the satisfactions and perks of the profession and the special strengths that women bring to the firefighting profession.

FIRE SUPPRESSION TRAINING
Strategy And Tactics

Alarm
20 min. Color 16 mm Not Dated

Two scenarios are intertwined in this film portraying a tragedy about to happen. The value of pre-fire planning is presented by showing a series of fire events where there has been pre-fire planning and where there was none. When it is known what might be encountered in a fire situation the odds for survival are increased and the chance of a major loss is decreased. Planned inspection tours of an occupancy can provide many benefits.

This is most suitable as a fire department training aid.

Basic Search and Rescue
20 min. Colour 16 mm Early 1980s

A training film showing techniques for effective search and rescue procedures. Firefighters are shown in simulated fire conditions as they practise the recommended methods of victim search while maintaining firefighter safety.

Co-ordinated Fire Attack
23 min. Color 16 mm 1964

A fire officer must co-ordinate manpower, equipment and resources. To this end, the film shows how to determine the needed rate of flow (Imperial measures), what type of attack to utilize (direct, indirect or combination), how to position attack lines given the size and number of lines and the importance of good communication.

The use of animation and footage from fire scenes vividly demonstrates the need for carefully controlled attacks on fire.

Firefighting in Country Elevators
20 min. Color 16 mm Not Dated

This film deals with the specifics of fighting fires in country elevators demonstrating problems which can arise from lack of adequate pre-fire planning. The general principles discussed also apply to many other fire situations.

Firefighting Strategy
24 min. Color 16 mm Not Dated

The purpose of firefighting strategy is to provide a system or method of controlling a fire including identifying phases of fire ground operation

and providing for a sequence of operations.

Fire ground organization includes:

- someone in charge;
- command personnel properly positioned;
- effective communications in place;
- information and guidance provided for aid on multiple alarms, and
- staff assistance at a large fire.

Eight divisions of fire strategy are discussed in depth and illustrated in this film, including:

- size-up
- rescue
- ventilation
- protecting exposures
- confinement
- extinguishment
- overhaul
- salvage

Structural Fire Attack

21 min. Color 16 mm Late 1970s

This training film discusses the three methods of fire spread. Firefighters then demonstrate the various fire attack techniques on a variety of fires and explanations are given telling when these different approaches work best and why. The film emphasizes the importance of the nozzleman knowing the latest techniques in fire attack and of having the experience to know when and how to use these techniques effectively.

Structural Fires

31 min. B & W 16 mm Early 1950s

The methodology involved in fighting structural fires is the main content of this film. This includes: sizing up the fire; determining where more help is needed; detecting danger to adjacent buildings and causing as little material damage to the building as possible. Specific fires such as attic fires, partition fires, chimney fires and basement fires are discussed. Escape routes and places of assembly are briefly examined.

A Tale of Two Towns

19 min. B & W 16 mm 1950s

This film compares the firefighting operations of two fire departments, showing how efficient procedures can minimize fire damage and promote better public relations. The importance of good salvage operations in various occupancies is stressed.

Ventilation
27 min. B & W 16 mm 1950s

As defined in this film, ventilation is the process of clearing heat and smoke through controlled channels. Using models, this film shows how smoke travels and how to recognize backdraft conditions. The film demonstrates on various types of structures where to open a roof and how to open roofs of various compositions. Precautionary measures to be taken when ventilating are also discussed.

Ventilation
20 min. Color 16 mm Not Dated

This training film shows basic ventilation practices including the use of forcible entry equipment, proper use of hose streams for ventilating and the theory of fire spread. Practical demonstrations are conducted and ventilating techniques are discussed.

Ventilation (NFPA)
23 min. Color VHS 1/2" 1986

An instructional video to assist firefighters in learning the techniques involved in ventilating a structure involved in fire. The video has been developed based on NFPA's Standard for Firefighter Professional Qualifications - NFPA 1001, and comes with an instructor's guide.

FIRE SUPPRESSION TRAINING
Water Application

Fire and Water
22 min. Color 16 mm 1950s

This film portrays the general operation of a large urban fire department, including the following phases: size up; call for assistance; saving lives; covering exposures; extinguishing fire and overhauling the fire scene. Shown are the differences between fire in a controlled setting (a coke manufacturing plant) and one in an uncontrolled setting.

Because this film was produced during the 1950s much of the equipment and apparatus is no longer used. As well, better operational procedures have been developed.

Fog Against Fire
20 min. Color 16 mm Not Dated

This film presents a variety of water application situations including:

- using a portable water supply on a rural dwelling fire;
- using 1 1/2 inch lines on suburban dwellings;
- using master streams and hand lines on lumberyard fires and on a train wreck and
- a fire where there was a mutual aid response but no water supply.

Getting the Most Out of Water
20 min. Color 16 mm Post WW II

A series of early exploratory tests to determine the value of fog application in structural fire fighting is described. Tests on structure fires were made to determine the best methods of water application.

Partly because of the age of this film (post World War II) there are some inherent problems, such as little or no use of breathing apparatus and poor ventilation procedures. However, much of the methodology is still correct. At the printing of this catalogue no other film dealing with comparable subject areas has been made available.

Let's Try Fog
18 min. Color 16 mm Not Dated

This film illustrates the application of water fog in fighting outdoor fires such as oil pits, tank trucks, storage tanks, rubber tires and small arms ammunition. The film also shows the application of wetting agents from special nozzles, hand lines and master stream devices.

The Nozzleman
20 min. Color 16 mm Mid 1950s

This film demonstrates the proper techniques of nozzle handling. Produced in the mid-1950s, this film shows what type of stream to use and when to use it. Direct, indirect and combination streams are presented in relation to the complexity of the fire situation. Also discussed is the thermal balance and how this influences the method of attack.

Using Water Wisely
23 min. Color 16 mm 1950s

This film describes exploratory tests on the value of fog application and shows that when fog is properly applied it is very effective in the control of fire. Fog, through rapid heat absorption, can extinguish fires rapidly with only a small amount of water being used. Also shown is how the use of fog can prevent exposure fires.

The film contains outdated equipment, apparatus and dress mode but the principles are still applicable today.

Water for Fire Fighting
45 min. B & W 16 mm Not Dated

This is a British-made animated film on water movement. Explained in detail are the following: definitions of rate of flow; pressure; heat; the flow of water through openings; friction and loss of pressure; effect of distance on rate of flow; the effect of multiple lines of hose and the additional effect of height.

Because this film is British, much of the equipment used in the demonstration is not available here. Although the film is old its subject is not dated.

Where's the Water
15 min. Color 16 mm Not Dated

This film presents the basic characteristics and principles of water, including friction loss, head, velocity, pressure and water hammer.

Imperial measures are used in this film.

MISCELLANEOUS

The Alarming Problem

14 min. Color 16 mm 1973

This film, of interest to the fire service and industry alike, is about the problems caused by the many different sounds which fire alarms make to warn occupants. Experts on the subject stress the need for a single, standardized sound to be used solely for fire alarm purposes in buildings.

Bomb Threat Procedure

8 min. Color 16 mm Not Dated

The four basic steps demonstrated prepare personnel in hospitals, industries and other public and commercial establishments to act quickly and effectively in the event of a bomb threat.

Collision Rescue

20 min. Color 16 mm 1970s

This film shows an experienced rescue team in action as they extricate six people from two overturned cars in record time. It illustrates the use of a wide range of specialized tools and equipment.

Incident Rendered Safe

22 min. Color 16 mm 1970s

Incidents involving hazardous chemical loads on our roads, railways and ships represent a risk to life and property. This film identifies the hazards and how they can be eliminated. Through live situations it illustrates procedures for emergency services to follow in the event of a chemical spill and how advice and practical help from manufacturers can be obtained.

I - Alpha

13 min. Color 16 mm Late 1970s

A dramatic simulation of an airplane crash scene gives potential rescuers an idea of what they will be facing. Realistic action photography deals with such topics as extinguishing fires, rescuing passengers, triage, and providing emergency medical treatment. It also shows the vital importance of having a practised emergency plan, and of having co-operation and training among the various response groups.

Those Vital First Minutes
23 min. Color 16 mm 1970s

Chemical emergencies have no room for guesswork. This film demonstrates the advantages and the importance of pre-emergency planning and training in the handling of incidents involving hazardous material spills or leaks.

SLIDE/TAPE SERIES

Fire. It Could Happen to You

12 min. Color Slide/Tape 1977

A program designed to encourage teenagers to become more aware of the possibility of fire in their own lives. The program identifies some common fire hazards teenagers may encounter and suggests ways of avoiding these hazards. It discusses emergency escape procedures, escape plans, how to extinguish a clothing fire and the importance of smoke alarms. Also included is an interview with a teenaged burn victim.

Fire Safety in Hospitals

18 min. Color Slide/Tape 1977

This slide/tape presentation deals with three Chicago nursing home fires which took place in 1976. It describes the construction and layout of each nursing home and then relates each incident - the fire, the response by staff and fire department and the casualties resulting from the fires.

Sparky's Friends Learn Not to Burn

10 min. Color Slide/Tape 1977

Lt. Bell from the fire department visits a classroom to teach the children about some common home fire hazards and how to correct them. He also discusses how to escape a fire in the home and what to do if clothing catches on fire. Later, one of the children recalls what he has learned and is able to save his brother from a fire.

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